

IV. REMARKS

Copending application No. 09/725,397 will be allowed to become abandoned. Also, all independent claims in the present application have been amended so that they now differ from those in said pending application. Thus there is a clear line of demarkation between the claims in the applications. For both of these reasons the rejection of claim 1-29 on double patenting is now moot.

Claims 11 and 15 have been amended to make it clear that it is the validation code which is the separate object which is being added. Claims 12 and 16 have been amended to make it clear that it is the validation code which is the embedded object which is being added. Claim 13 now recites "a first location" to provide antecedent for this in claim 14. Claim 23 now recites "a selected type of image".

Thus it is submitted that claims 11, 12, 14, 15, 16 and 23 now conform to 35 USC 112, second paragraph.

The present invention is an ACD for low end products. To achieve this, it features detecting at a first location, e.g., a PC, if a video signal matches a selected image, e.g., currency, bonds, etc. By doing the detection at, e.g., a PC, the increase in cost of the PC is small compared to doing this at a printer. Printing is done at a second location not in the same enclosure as the first location (see p. 4, ll. 3-5) only if the video signal does not match one of the selected images (claim 1), corrective action is taken if the video signal represents a selected image (claim 13), or printing only if a validity code is present (claims 20

and 25). Since the detection is not done at the printer, its cost can be kept relatively low.

Kai shows in Fig. 1 that the detection and printing are all in the same location and thus in the same enclosure. In particular, while it is true that in Fig. 4 image sensor 30 is located next to the first processing unit 10 as stated by the Examiner, the dotted lines for units 10 and 20 and the solid lines for elements 30 and 4 are there to just indicate the grouping together of various circuits for purposes of giving them collective names. There is absolutely no disclosure that these lines are actual physical enclosures. The same is true for the embodiment of Fig. 10. The independent claims all now recite that the two locations are not in the same enclosure. This is totally missing from Kai. Thus claims 1, 10-120(sic 20?), 23-27 and 29 define over this reference and their rejection under 35 USC 102 should be withdrawn.

Further, since Kai is not for the problem of ACD for low end products, it does not suggest this feature. Thus these claims are unobvious over it.

Yang discloses that image processor 130 can be separate from printer 140, but the corrective action is taken at processor 130. There is no disclosure of the separate enclosure concept as presently claimed. Thus the rejection of claims 1-3 and 6-9 under 35 USC 102 on Yang should be withdrawn.

Also since there is no suggestion of this feature in Yang, these claims are unobvious over it.

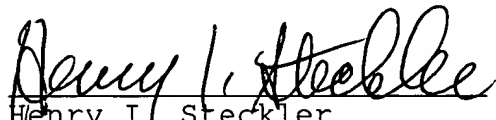
Similarly, Roller fails to disclose the not in the same enclosure concept of the present invention. Thus combining it with Kai does not result in the claimed invention. Hence the rejection of claims 4, 5, 21 and 22 under 35 USC 103 on these references should be withdrawn.

Further, Lange fails to disclose the claimed invention. Thus combining it with Kai does not result in the present invention. Hence the rejection of claim 28 under 35 USC 103 on this combination of references should be withdrawn.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 24-0037.

Respectfully submitted,


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Oct 28, 2003
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